

What is claimed is:

1. A washing method comprising:

a nonaqueous washing process of washing an object to be washed using

5 a nonaqueous solution;

an intermediate washing process of washing the object to be washed

using a solution having solubility relative to both an aqueous solution and the

nonaqueous solution after said nonaqueous washing process; and

an aqueous washing process of washing the object to be washed with the

10 aqueous solution after said intermediate washing process.

2. A washing method as claimed in claim 1, further comprising:

a drying process of drying the object to be washed between said

nonaqueous washing process and said intermediate washing process.

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3. A washing method as claimed in claim 2, wherein the drying

process is performed by using a vapor of the solution having solubility relative to

both an aqueous solution and the nonaqueous solution.

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4. A washing method as claimed in claim 1, further comprising:

a drying process of drying the object to be washed between said

intermediate washing process and said aqueous washing process.

5. A washing method as claimed in claim 4, wherein the drying

25 process is performed by using a vapor of the solution having solubility relative to

both an aqueous solution and the nonaqueous solution.

6. A washing method as claimed in claim 1, wherein the solution

having solubility relative to both an aqueous solution and the nonaqueous

30 solution in the intermediate washing process is a hydrocarbon solution.

7. A washing method as claimed in claim 6, wherein the hydrocarbon solution is alcohol.

5 8. A washing method as claimed in claim 7, wherein the hydrocarbon solution is isopropyl alcohol.

9. A washing method as claimed in claim 6, wherein the hydrocarbon solution is ketone.

10 10. A washing method as claimed in claim 9, wherein the hydrocarbon solution is acetone.

15 11. A washing method as claimed in claim 1, wherein ultrasonic vibration is applied during the washing performed in said nonaqueous washing process.

20 12. A washing method as claimed in claim 1, wherein ultrasonic vibration is applied during the washing performed in said intermediate washing process.

13. A washing method as claimed in claim 1, wherein ultrasonic vibration is applied during the washing performed in said aqueous washing process.

25 14. A washing method as claimed in claim 1, wherein the object to be washed are optical components.

30 15. A washing method comprising:
a nonaqueous washing process of washing an object to be washed using

a nonaqueous solution;

an intermediate washing and drying process of simultaneously washing and drying the object to be washed using a solution having solubility relative to both an aqueous solution and the nonaqueous solution after said nonaqueous
5 washing process; and

an aqueous washing process of washing the object to be washed with the aqueous solution after said intermediate washing process.

16. A washing method as claimed in claim 15, wherein the
10 intermediate washing and drying process is performed by using a vapor of the solution having solubility relative to both an aqueous solution and the nonaqueous solution.

17. A washing method as claimed in claim 15, wherein the solution
15 having solubility relative to both an aqueous solution and the nonaqueous solution in the intermediate washing process is a hydrocarbon solution.

18. A washing method as claimed in claim 16, wherein the object to be washed are optical components.